


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	[CASCADE DRIVING CIRCUIT FOR LIQUID CRYSTAL DISPLAY]																																																																																																																														
Submission Type :		Utility Patent Filing																																																																																																																													
Application Number:		10/708446																																																																																																																													
EFS ID:		56530																																																																																																																													
Server Response:		<table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>2445</td> </tr> </tbody> </table>		Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2445																																																																																																																						
Confirmation Code	Message																																																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																														
ICON1	2445																																																																																																																														
First Named Applicant:		CHIH-HSIANG YANG																																																																																																																													
Attorney Docket Number:		11584-US-PA																																																																																																																													
Timestamp:		2004-03-04 04:42:10 EDT																																																																																																																													
From:		us																																																																																																																													
File Listing:		<table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-request</td><td>11584-usrequ.xml</td><td>1666</td><td>2004-03-04</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-03-04</td></tr> <tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2004-03-04</td></tr> <tr><td>us-assignment</td><td>11584-usassn.xml</td><td>1545</td><td>2004-03-04</td></tr> <tr><td>us-assignment</td><td>us-assignment.xml</td><td>8983</td><td>2004-03-04</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-03-04</td></tr> <tr><td>us-assignment</td><td>11584assignment1.tif</td><td>39226</td><td>2004-03-04</td></tr> <tr><td>us-assignment</td><td>11584assignment2.tif</td><td>7270</td><td>2004-03-04</td></tr> <tr><td>us-fee-sheet</td><td>11584-usfees.xml</td><td>1760</td><td>2004-03-04</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2004-03-04</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-03-04</td></tr> <tr><td>us-declaration</td><td>11584declaration1.tif</td><td>35572</td><td>2004-03-04</td></tr> <tr><td>us-declaration</td><td>11584declaration2.tif</td><td>18096</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>11584-trans.xml</td><td>17224</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2004-03-04</td></tr> <tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2004-03-04</td></tr> </tbody> </table>		Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-request	11584-usrequ.xml	1666	2004-03-04	us-request	us-request.dtd	19064	2004-03-04	us-request	us-request.xml	33300	2004-03-04	us-assignment	11584-usassn.xml	1545	2004-03-04	us-assignment	us-assignment.xml	8983	2004-03-04	us-assignment	us-assignment.dtd	10898	2004-03-04	us-assignment	11584assignment1.tif	39226	2004-03-04	us-assignment	11584assignment2.tif	7270	2004-03-04	us-fee-sheet	11584-usfees.xml	1760	2004-03-04	us-fee-sheet	us-fee-sheet.xml	24912	2004-03-04	us-fee-sheet	us-fee-sheet.dtd	11069	2004-03-04	us-declaration	11584declaration1.tif	35572	2004-03-04	us-declaration	11584declaration2.tif	18096	2004-03-04	application-body	11584-trans.xml	17224	2004-03-04	application-body	us-application-body.xml	83497	2004-03-04	application-body	application-body.dtd	49498	2004-03-04	application-body	wipo.ent	4956	2004-03-04	application-body	mathml2.dtd	54588	2004-03-04	application-body	mathml2-qname-1.mod	13225	2004-03-04	application-body	isoamsa.ent	5191	2004-03-04	application-body	isoamsb.ent	3988	2004-03-04	application-body	isoamsc.ent	1460	2004-03-04	application-body	isoamsn.ent	5620	2004-03-04	application-body	isoamso.ent	1934	2004-03-04	application-body	isoamsr.ent	7073	2004-03-04	application-body	isogr3.ent	3559	2004-03-04	application-body	isomfrk.ent	4553	2004-03-04	application-body	isomopf.ent	2571	2004-03-04	application-body	isomscr.ent	4628	2004-03-04	application-body	isotech.ent	5268	2004-03-04
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-request	11584-usrequ.xml	1666	2004-03-04																																																																																																																												
us-request	us-request.dtd	19064	2004-03-04																																																																																																																												
us-request	us-request.xml	33300	2004-03-04																																																																																																																												
us-assignment	11584-usassn.xml	1545	2004-03-04																																																																																																																												
us-assignment	us-assignment.xml	8983	2004-03-04																																																																																																																												
us-assignment	us-assignment.dtd	10898	2004-03-04																																																																																																																												
us-assignment	11584assignment1.tif	39226	2004-03-04																																																																																																																												
us-assignment	11584assignment2.tif	7270	2004-03-04																																																																																																																												
us-fee-sheet	11584-usfees.xml	1760	2004-03-04																																																																																																																												
us-fee-sheet	us-fee-sheet.xml	24912	2004-03-04																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2004-03-04																																																																																																																												
us-declaration	11584declaration1.tif	35572	2004-03-04																																																																																																																												
us-declaration	11584declaration2.tif	18096	2004-03-04																																																																																																																												
application-body	11584-trans.xml	17224	2004-03-04																																																																																																																												
application-body	us-application-body.xml	83497	2004-03-04																																																																																																																												
application-body	application-body.dtd	49498	2004-03-04																																																																																																																												
application-body	wipo.ent	4956	2004-03-04																																																																																																																												
application-body	mathml2.dtd	54588	2004-03-04																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2004-03-04																																																																																																																												
application-body	isoamsa.ent	5191	2004-03-04																																																																																																																												
application-body	isoamsb.ent	3988	2004-03-04																																																																																																																												
application-body	isoamsc.ent	1460	2004-03-04																																																																																																																												
application-body	isoamsn.ent	5620	2004-03-04																																																																																																																												
application-body	isoamso.ent	1934	2004-03-04																																																																																																																												
application-body	isoamsr.ent	7073	2004-03-04																																																																																																																												
application-body	isogr3.ent	3559	2004-03-04																																																																																																																												
application-body	isomfrk.ent	4553	2004-03-04																																																																																																																												
application-body	isomopf.ent	2571	2004-03-04																																																																																																																												
application-body	isomscr.ent	4628	2004-03-04																																																																																																																												
application-body	isotech.ent	5268	2004-03-04																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isobox.ent	3568	2004-03-04
application-body	isocyr1.ent	5345	2004-03-04
application-body	isocyr2.ent	2504	2004-03-04
application-body	isodia.ent	1508	2004-03-04
application-body	isolat1.ent	5282	2004-03-04
application-body	isolat2.ent	9007	2004-03-04
application-body	isonum.ent	5913	2004-03-04
application-body	isopub.ent	6621	2004-03-04
application-body	mmlextra.ent	7901	2004-03-04
application-body	mmlalias.ent	38209	2004-03-04
application-body	soextblx.dtd	12870	2004-03-04
application-body	11584us0001.tif	8492	2004-03-04
application-body	11584us0002.tif	9352	2004-03-04
application-body	11584us0003.tif	7602	2004-03-04
package-data	11584-pkda.xml	8891	2004-03-04
package-data	package-data.dtd	27025	2004-03-04
package-data	us-package-data.xsl	19263	2004-03-04
Total files size		661547	

Message Digest:

5ce519acbc5cef93411eaf22b2183426b114e0d7

Digital Certificate Holder
Name:

cn=Belinda Lee,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US